Systems Teaching Institute Internship Description - Open WARP Mobile Developer

The University Affiliated Research Center (UARC) located at NASA Ames Research Center in Mountain View, CA. is a partnership between the University of California and NASA Ames. The Systems Teaching Institute (STI) is the UARC’s educational partnership, placing students for internships at NASA’s Ames Research Center.

Overview
Do you like to write code? Are you interested in space exploration? Join our team, and be part of a pioneering effort to bring spacecraft mission operations to mobile devices, extending the mission control paradigm beyond traditional institutions and walls.

WARP (Web Applications for Resource Prospector) is a web tool suite, built by NASA’s Ames Research Center, in collaboration with the Jet Propulsion Laboratory. This platform also supports VISTA, a multi-mission toolset for the Jet Propulsion Laboratory’s interplanetary missions. It will enable spacecraft monitoring, plan execution and mission operations from a range of devices.

WARP/VISTA uses modern HTML, JavaScript and CSS techniques. You will be working to bring the tools to mobile devices, starting with the iPad, using responsive design. You’ll be responsible for working with other developers and the design lead to design and implement effective, elegant solutions for our mobile design approach.

Required Skills and Experience - To be eligible, students must be enrolled in a degree-granting program at an accredited university.
- CSS and responsive design techniques for mobile smartphones and tablets.
- HTML5, JavaScript and libraries like modernizr.

Desired Skills and Experience
- AngularJS and SASS.
- Experience with git or similar code management software

TO APPLY, PLEASE email cover letter and resume/CV, in PDF FORMAT to:
  o Jennifer Victoria, Manager, Systems Teaching Institute
  o jennifer.victoria@uarc.ucsc.edu
- Subject of email must read: STI Internship, Position 10JTTI
- Body of email MUST INDICATE:
  o Current University
  o Current Program
  o Expected Graduation Date (Year)
  o Citizenship
  o If applicable, type of Visa and Visa expiration date.